

## EAST Search History

## EAST Search History (Prior Art)

| Ref # | Hits  | Search Query               | DBs   | Default Operator | Plurals | Time Stamp          |
|-------|-------|----------------------------|---|------------------|---------|---------------------|
| S493  | 3266  | 430/322.ccls.              | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2010/09/16<br>08:47 |
| S494  | 315   | S493 and (fluorinated)     | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2010/09/16<br>08:48 |
| S498  | 748   | S497 and (pattern\$4)      | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2010/09/16<br>08:49 |
| S497  | 1305  | 430/273.1.ccls.            | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2010/09/16<br>08:49 |
| S496  | 357   | S495 and (immersion)       | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2010/09/16<br>08:49 |
| S495  | 13135 | jsr.as.                    | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2010/09/16<br>08:49 |
| S499  | 4     | S495 and S498              | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2010/09/16<br>08:50 |
| S501  | 178   | S500 and (upper adj layer) | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2010/09/16<br>09:06 |

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| S500 | 3266   | 430/322.cds.  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/09/16<br>09:06 |
| S502 | 4228   | ((upper adj layer)<br>(protect\$3 adj film)<br>(overcoat)(cover adj<br>layer)(upper adj resist)<br>(topcoat)(top adj coat)<br>(top-coat)(protect\$3<br>adj layer)(protect\$3 -<br>layer)(barrier adj layer)<br>(anti-reflective)<br>(antireflective)<br>(permeable adj layer)<br>(bilayer)) and<br>((immersion adj<br>lithography)(immersion<br>adj expos\$3))              | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/09/16<br>09:34 |
| S503 | 1164   | ((fluor\$7) same ((upper<br>adj layer)(protect\$3 adj<br>film)(overcoat)(cover<br>adj layer)(upper adj<br>resist)(topcoat)(top adj<br>coat)(top-coat)(protect<br>\$3 adj layer)(protect\$3<br>-layer)(barrier adj layer)<br>(anti-reflective)<br>(antireflective)<br>(permeable adj layer)<br>(bilayer)) and<br>((immersion adj<br>lithography)(immersion<br>adj expos\$3)) | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/09/16<br>09:46 |
| S504 | 1085   | S503 and (pattern\$4)   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/09/16<br>09:47 |
| S505 | 112106 | (solvent) same<br>((\$2propanol)<br>(\$2butanol)(\$2methyl<br>\$2propanol)(\$2methyl<br>\$2pentanol)(\$2methyl<br>\$2pentanol))   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/09/16<br>09:53 |
| S506 | 234    | S504 and S505   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/09/16<br>09:54 |

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| S507 | 1    | 11/857,645.app.   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/09/16<br>10:21 |
| L1   | 3    | "20030232940"   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/09/16<br>14:34 |
| L2   | 2    | "6803434".pn.   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/09/16<br>14:37 |
| L4   | 3    | "20050202340"   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/09/16<br>14:38 |
| L3   | 2    | "6943271".pn.   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/09/16<br>14:38 |
| L12  | 1085 | L11 and L9  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/09/16<br>14:43 |
| L11  | 1085 | L10 and (pattern\$4)  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/09/16<br>14:43 |
| L10  | 1164 | ((fluor\$7) same ((upper<br>adj layer)(protect\$3 adj<br>film)(overcoat)(cover<br>adj layer)(upper adj<br>resist)(topcoat)(top adj<br>coat)(top-coat)(protect<br>\$3 adj layer)(protect\$3<br>-layer)(barrier adj layer)<br>(anti-reflective)<br>(antireflective)<br>(permeable adj layer)<br>(bilayer)) and<br>((immersion adj<br>lithography)(immersion<br>adj expos\$3)) | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/09/16<br>14:43 |

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| L9  | 4228 | ((upper adj layer)<br>(protect\$3 adj film)<br>(overcoat)(cover adj<br>layer)(upper adj resist)<br>(topcoat)(top adj coat)<br>(top-coat)(protect\$3<br>adj layer)(protect\$3 -<br>layer)(barrier adj layer)<br>(anti-reflective)<br>(antireflective)<br>(permeable adj layer)<br>(bilayer)) and<br>((immersion adj<br>lithography)(immersion<br>adj expos\$3))                                    | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/09/16<br>14:43 |
| L13 | 303  | 430/270.1.ccls. and<br>(fluor\$7) same ((upper<br>adj layer)(protect\$3 adj<br>film)(overcoat)(cover<br>adj layer)(upper adj<br>resist)(topcoat)(top adj<br>coat)(top-coat)(protect<br>\$3 adj layer)(protect\$3<br>-layer)(barrier adj layer)<br>(anti-reflective)<br>(antireflective)<br>(permeable adj layer)<br>(bilayer)) and<br>((immersion adj<br>lithography)(immersion<br>adj expos\$3)) | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/09/16<br>14:45 |
| L14 | 32   | maeda.in. and (fluor<br>\$7) same ((upper adj<br>layer)(protect\$3 adj<br>film)(overcoat)(cover<br>adj layer)(upper adj<br>resist)(topcoat)(top adj<br>coat)(top-coat)(protect<br>\$3 adj layer)(protect\$3<br>-layer)(barrier adj layer)<br>(anti-reflective)<br>(antireflective)<br>(permeable adj layer)<br>(bilayer)) and<br>((immersion adj<br>lithography)(immersion<br>adj expos\$3))      | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/09/16<br>14:50 |
| L15 | 3    | "20050266354"   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/09/16<br>15:14 |

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| L16 | 180 | li.in. and (topcoat)                       | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/09/16<br>15:15 |
| L17 | 39  | li.in. and (topcoat) and<br>(\$5resist\$1) | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/09/16<br>15:54 |

**EAST Search History (Interference)**

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**9/ 16/ 2010 4:49:35 PM****C:\Documents and Settings\cjohnson5\My Documents\ EAST\ Workspaces\ 10586187.wsp**